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Patents Cited by Inventor: 0
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Articles Cited by Inventor: 0
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Patent Number(s):

JP3246296-A ; JP2750767-B2

Title:

New sugar alcohol - prep. by reacting lactitol with beta-galactosidase, improved proliferation of bacillus bifidus and stimulates bowel movement

Patent Assignee Name(s) and Code(s):

SNOW BRAND MILK PROD CO LTD (SNOW)

Derwent Primary Accession Number:

1991-365840 [50]

Abstract:

Sugar alcohol of formula (I) is new. (Gal-(Gal)-Sor) (I) (where Gal = galactose residue, Sor = sorbitol).

Also new are prepn. of (I) by reacting lactitol or lactitol contg. substance with beta-galactosidase, performing sugar transfer reaction on sorbitol residue in lactitol molecule, and bacillus Bifidus proliferation promoting compsn. and bowel movement stimulating compsn. contg. (I).

Sugar alcohol is O-beta-D-galactopyranosil-(1-4)-(O-beta-D-galactopyranosil-(1-1)-D-sorbitol, O-beta-D-galactopyranosil-(1-4)-(O-beta-D-galactopyranosil-(1-5)-D-sorbitol, or O-beta-D-galactopyranosil-(1-4)-(O-beta-galactopyranosil-(1-6)-D-sorbitol.

USE/ADVANTAGE - New sugar alcohol has excellent proliferation improving activity of bacillus Bifidus and bowel movement stimulating activity, increasing the amt. of defecation and softening feces.

International Patent Classification:

A61K-031/70; C07H-015/04; C12N-001/38; C12P-019/18

Derwent Class:

B03 (Other heterocyclics)

Derwent Manual Code(s):

B07-A02; B12-J01; D05-C

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JP040778 21 Feb 1990

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